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Visible-Light-Induced Degradation of Rhodamine B by Nanosized Ag₂S-ZnS Loaded on Cellulose

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Supporting electronic information (SEI)



Fig. S1 Schematic representation of photocatalytic reactor



Fig. S2 FT-IR spectra of (a) CE (b) ZCE (c) ACE and (d) AZCE



Fig. S3 N_2 adsorption-desorption of AZCE



Fig. S4 Effect of pH on degradation of RhB using AZCE



Fig. S5 Effect of H_2O_2 on degradation of RhB using AZCE



Fig. S6 Intermediates identified during photocatalytic degradation of RhB by AZCE







Fig. S7 Mass spectra of RhB dye taken after irradiation of light (a) 0 min (b) 60 min (c) 120 min using AZCE